



Docket number: 56104576-22

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

In re Application of: Brendon Conlan et al.      Art Unit: 1753  
Serial No.: 09/887,371      Examiner: Arun S. Phasge  
For: REMOVAL OF BIOLOGICAL CONTAMINANTS  
Date: August 30, 2004

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

SIR:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for the Applicants hereby bring the following materials to the examination of the above-identified application to the attention of the Examiner. The materials are listed on the attached PTO/SB/08A forms. The attached forms do not contain citations to materials disclosed during the earlier prosecution of this application serial number 09/887,371; the examiner should refer to the earlier filed Information Disclosure Statement for those materials.

Copies of the articles and foreign patents and published patent applications cited are enclosed. Also enclosed are three International Search Reports. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the materials be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail on the date listed below and is addressed to Commissioner for Patents,  
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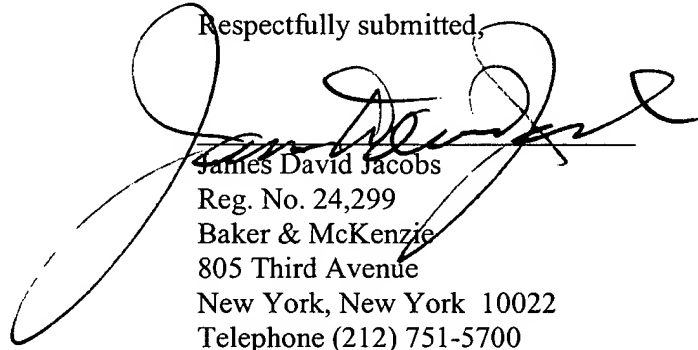
Amelia Finker

Date: August 30, 2004

This information disclosure statement is being filed under 37 C.F.R. § 1.97(b)(4), before the mailing of a first Office action after the filing of a request for continued examination under § 1.114. While no fee is believed due, if any fee is deemed due, the Commissioner of Patents and Trademarks is hereby authorized to charge Deposit Account No. 02-0393 of Baker & McKenzie.

Date: August 30, 2004

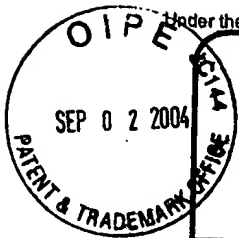
Respectfully submitted,

A large, stylized handwritten signature in black ink, likely belonging to James David Jacobs, is written over the typed name and address.

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Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

## **Complete if Known**

Application Number	09/887,371
Filing Date	
First Named Inventor	CONLAN et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	56104576-22

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	5,437,774		LAUTSEN	08/01/1995	
	2	3,878,564		YAO et al.	04/22/1975	
	3	4,036,748		KNICKEL et al.	07/19/1977	
	4	4,045,337		KNICKEL et al.	08/30/1977	
	5	4,045,455		VOGEL	08/30/1977	
	6	4,069,215		ELFERT et al.	01/17/1978	
	7	4,115,225		PARSI	09/19/1978	
	8	4,123,342		AHLGREN	10/31/1978	
	9	4,174,439		RAUENBUSCH et al.	11/13/1979	
	10	4,196,304		NAUMANN	04/01/1980	
	11	4,204,929		BIER	05/27/1980	
	12	4,217,227		ELFERT et al.	08/12/1980	
	13	4,238,306		PERRY et al.	12/09/1980	
	14	4,238,307		PERRY et al.	12/09/1980	
	15	4,252,652		ELFERT et al.	02/24/1981	
	16	4,259,079		BLUM	03/31/1981	
	17	4,269,967		ELFERT et al.	05/26/1981	
	18	4,276,140		JAIN	06/30/1981	
	19	4,279,724		HEARN et al.	07/21/1981	
	20	4,299,677		VENKATASUBRAMANIAN et al.	11/10/1981	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	21	WO	97/14486		BAYER AKTIENGESELLSCHAFT	04/24/1997		
	22	WO	98/21384		BAYER AKTIENGESELLSCHAFT	05/22/1998		
	23	WO	98/43718		BAYER AKTIENGESELLSCHAFT	10/08/1998		
	24	UK	2118975A		Nishizawa	2/16/83		
	25	WO	93/06475		Dow Chemical Co.	4/1/1993		
	26	EP	0369945A2		Aligena AG	11/9/89		
	27	DE	4116179A1		Servia Feinbiochem	11/19/92		
	28	EP	0477541B1		Waters Investments	8/23/1991		

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	4
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Application Number 09/887,371

**Filing Date**

First Named Inventor	CONLAN et al.
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## Group Art Unit

**Examiner Name**

Attorney Docket Number	56104576-22
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U.S. PATENT DOCUMENTS

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Sheet

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of

4

Application Number

**Complete if Known**

09/887,371

**Filing Date**

First Named Inventor

CONLAN

### Group Art Unit

**Examiner Name**

### A. PHASGE

Attorney Docket Number

56104576-22

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		Number	Kind Code? (if known)			
	49	5,096,547		KLOTZ et al.	03/17/1992	
	50	5,114,555		STIMPSON	05/19/1992	
	51	5,127,999		KLOTZ et al.	07/07/1997	
	52	5,160,594		HUFF et al.	11/03/1992	
	53	5,173,164		EGEN et al.	12/22/1992	
	54	5,185,086		KAALI et al.	02/09/1993	
	55	5,238,570		HUGL et al.	08/24/1993	
	56	5,277,774		SHMIDT et al.	01/11/1994	
	57	5,336,387		EGEN et al.	08/09/1994	
	58	5,340,449		SHUKLA	08/23/1994	
	59	5,352,343		BAILES et al.	10/04/1994	
	60	5,407,553		HERRON et al.	04/18/1995	
	61	5,420,047		BRANDT et al.	05/30/1995	
	62	5,441,646		HELLER et al.	08/15/1995	
	63	5,490,939		GERIGK et al.	02/13/1996	
	64	5,503,744		IKEMATSU et al.	04/02/1996	
	65	5,504,239		MEHL et al.	04/02/1996	
	66	5,558,753		GALLAGHER et al.	09/24/1996	
	67	5,561,115		TENOLD	10/01/1996	
	68	5,565,102		BRANDT et al.	10/15/1996	

## FOREIGN PATENT DOCUMENTS

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Date \_\_\_\_\_

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**Group Art Unit**

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	69	5,610,285		LEBING et al.	03/11/1997	
	70	5,662,813		SAMMONS et al.	09/02/1997	
	71	5,723,031		DURR et al.	03/03/1998	
	72	5,733,442		SHUKLA	03/31/1998	
	73	5,736,023		GALLAGHER et al.	04/07/1998	
	74	5,868,938		BOMER, deceased, et al.	02/09/1999	
	75	5,891,736		CHAPOTEAU et al.	04/06/1999	
	76	5,906,724		SAMMONS et al.	05/25/1999	
	77	5,938,904		BADER et al.	08/17/1999	
	78	5,986,075		DUBOSE et al.	11/16/1999	
	79	6,093,296		SOANE et al.	07/25/2000	
	80	6,117,297		GOLDSTEIN	09/12/2000	
	81	6,129,842		KOSTANIAN	10/10/2000	
	82	6,171,825		CHAN et al.	01/09/2001	
	83	5,727,664		STOEV	6/1995	

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